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(71) Applicants (for all designated States except US): **THE SCRIPPS RESEARCH INSTITUTE** [US/US]; 10550 North Torrey Pines Road, tpc-8, La Jolla, CA 92037 (US). **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 1111 Franklin Street, 12th floor, Oakland, CA 94607-5200 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **NEMEROW, Glen, R.** [US/US]; 462 Cerro Street, Encinitas, CA 92024 (US). **WU, Eugene** [US/US]; 4325 Cassanna Way, #616, Ocean-side, CA 92057 (US). **STEWART, Phoebe** [US/US]; 9442 Norwood Drive, Brentwood, TN 37027 (US).

(74) Agents: **SEIDMAN, Stephanie, L.** et al.; Fish & Richardson P.C., 12390 El Camino Real, San Diego, CA 92130 (US).

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(54) Title: MODIFIED FIBER PROTEINS FOR EFFICIENT RECEPTOR BINDING

(57) Abstract: Recombinant detargeted and retargeted adenovirus viral particles and vectors are provided. In particular, modified fibers from adenoviruses that bind to coxsackie-adenovirus receptor (CAR) *in vivo* that contain modifications in the fiber shaft are provided. Adenovirus (Ad) particles that express such fibers exhibit reduced binding to CAR. Hence detargeted Ad particles are provided; also provided are retargeted particles.

WO 2004/111251 A2